

Please provide the following Abstract of the Disclosure:

*ABSTRACT OF THE DISCLOSURE*

In a method and a system for correcting an angle-measuring and/or distance-measuring sensor system, sinusoidal and cosinusoidal measurement signals  $(x_i, y_i)$  obtained by scanning a moved object of a measurement are evaluated. In order to correct the angle errors and/or phase errors of the measurement signals  $(x_i, y_i)$ , a compensation process and a subsequent correction process are provided. Correction parameters  $(m_1, m_2)$  are obtained in the compensation process, and, in the correction process, a corrected pair of measured values  $(x_i', y_i')$  is determined from each pair of measured values  $(x_i, y_i)$ .